Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 14 Mar 2021 until 23:59 on Monday 15 Mar 2021

Forecast Issued on Saturday 13 Mar 2021 at 15:05

Confidence: High confidence for High pressure building over the next few days from the west but lower confidence in timings of weak weather fronts that will cross the Peak District at times and how much cloud and rain will be associated with them. High confidence in fresh or strong Northwesterly winds throughout the forecast period.

Headline for Sunday 14 Mar 2021: Northwesterly gales with outbreaks of sleet increasingly turning to rain.

Mountain weather hazards on Sunday 14 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Light rain showers	Heavy Rain	Heavy Rain	Light rain
Precipitation probability							
20%	20%	20%	20%	50%	80%	80%	30%

Forecast for Sunday 14 Mar 2021

Weather: A few clear spells overnight but also one or two wintery showers especially for western peaks. During the morning it will be a mixture of cloud and a few light showers, a period of more definite rain or sleet in the afternoon is likely and quite cloudy with this. Rain clears through in the evening.

Chance of cloud free mountain/hill tops above 600m: 40%, cloud will lower below summits in showers and during rain in the afternoon, some good views from the tops more likely in the morning.

Visibility: Cloud bases are likely to lower to 5-600m at times in showers and around 4-500m in rain in the afternoon. Visibility below the cloud will also become moderate or poor for a time. Out with rain and showers there will be period when the cloud is well above the summits affording some views across the hills.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 14 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/28 NW	25/34 W	26/35 W	26/36 W	27/38 W	27/42 W	29/43 W	25/36 NW	25/35 NW
300	14/22 NW	17/26 W	18/28 W	20/31 W	22/33 W	19/30 W	20/32 W	18/30 W	18/29 NW
Valley	9/21 NW	12/26 W	13/27 W	14/29 W	16/32 W	13/28 W	15/32 W	14/29 NW	13/28 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	1/-6	1/-6	2/-6	2/-5	1/-6	3/-4	3/-3	3/-4
300	3/-2	3/-2	3/-2	4/-2	4/-1	3/-2	5/0	6/1	5/0
Valley	3/0	3/-1	4/-1	5/0	5/1	4/-0	6/2	6/2	6/2
Freezing Level*	700m	700m	700m	800m	800m	700m	1200m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level rising towards the summits with precipitation turning readily to sleet or rain rather than snow on the hill tops. Still a significant wind chill in the strong westerly winds, gales possible on the tops.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 13 Mar 2021	0mm	0mm	0mm

Forecast for Monday 15 Mar 2021

Weather: Some cloud breaks are likely overnight and during Monday morning. Cloud occasionally thickening enough to give a few spots of rain but there should also be some brighter or sunny spells during the day. More in the way of cloud later in the evening.

Maximum wind: Northwesterly 15mph with gusts 25mph.

Chance of cloud free mountain/hill tops above 600m: 70%, cloud generally above the tops, perhaps later in the day cloud beginning to shroud the hill tops.

Visibility: Cloud bases will generally be above the tops however at times there will be patches of cloud around 600m. Visibility will generally be good during the day with some views across to other tops.

Temperature: **Valleys:** Plus 3 rising to 7 Celsius.
At 600m: Plus 4 Celsius.
Freezing level: Around 1000m.

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